

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [839] 300 ohm vs 450 ohm line
Message-ID: <199610020334.DAA04366@chuck.dallas.sgi.com>

Gang,

First some definitions:

Ladder line - two conductors separated by periodic spaced insulators usually in the form of plastic rods with holes drilled to pass the conductors through

Twin-Lead - two conductors separated by continuous dielectric, usually polyethylene insulation

"Window" line - two conductors separated by dielectric with rectangular areas cut out and regularly spaced

See the ARRL Antenna Book, published 1994, Chapter 24, figure 24 for pictures of what I talking about.

What brought this up is that just recently someone mentioned that they they measured double the loss in 300 ohm ladder-line compared to 450 ohm ladder-line.

I have used both and currently use the 300 ohm 'window' line. The 450 ohm line has conductors spaced about 2.5cm and the 300 ohm line has about half that spacing.

The graph on page 24-16 showing attenuation in dB per 100 ft shows that 300 and 450 ohm 'window' lines with the exact same attenuation characteristics. In fact, up to 25MHz both have attenuation less than 0.15dB/100ft. I have had no problem with the 300 ohm line that I am currently using and I am saddened if the line is no longer in production. It is much easier to handle and lighter in weight.

Now the stuff that most of us call twin lead and used for TV type applications and 300 ohm tubular has attenuation factors of up to 0.6dB per 100ft. I saw in Radio Shack some foam TV 300 ohm line that R/S advertised as low loss. Relative to what? I did not see any technical specs on the package. :-)

I would not shy away from the 300 ohm 'window' line at all. My puny QRPP signal has been heard using it over the past two years without too much difficulty. I just hope you can find it. I'll be on the lookout myself as all that I have is

hanging on an off-center-fed dipole (I call it a long wire as the long element is 1 lambda long on 30M) up only 3M. Now if someone has lab measurements I'd like to know about them.

Another book that I would not be without in my library is the ARRL Antenna Handbook. I know that \$30 is the same price range as the HB but the Antenna Handbook is loaded with over 700 pages of good stuff and it comes with the software.

Of course the above ant system tuned using an MFJ-941C tuner no longer in production. I picked up another one in Austin in July for \$50. I think that is a good price, but don't go by my experience alone. I could be wrong, not the first time or the last. I found a Heath IM-2410 at Dayton for \$50 also, now that was a very good buy for a counter. Mine still stays within 5 Hz of WWV any day of the week. Used a previous model from Heath back in the days when I was an OO and we had to measure frequencies on the air from W1AW. Used to do <1Hz error readings. Those were the days. But I digress. Heath does not use a crystal oven either. Someone verified my measurements using lab equipment of 53Hz for an original NorCal kit and 26Hz for a Wilderness Radio NC40a for drift on both radios from cold start. Also 130.2dBm and 129.2dBm for receiver sensitivity. Stock kits no subs on parts.

Oh, and I apologize as all these years of postings I use a M for meters, cuz 30M to me looks better than 30m. Technically M is for mega prefix. You know what I mean. :-)

OK, back to 80m. :-)

See everyone Wednesday night on 40m.

73

: Chuck Adams (K5FO CP-60) 49/49/50 adams@sgi.com
: EMPS QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Douglas L. Datwyler" <datwyler@mail.aros.net>
Subject: [797] 73 magazine as referred to on list
Message-ID: <32516CA5.4D83@mail.aros.net>

Which monthly issue of 73 is the one referred to here? Has October '96 arrived in mailboxes, yet?

TNX

Doug WR70

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: AE0Q / V31RY <v31ry@ix.netcom.com>
Subject: [798] AC/DC radios
Message-ID: <2.2.16.19961001130945.368f634e@popd.ix.netcom.com>

In a previous message about tube rigs...

>>
>> Seeing that most of the subscribers to the list are not running tube gear
>> of any sort, and with the interest in the 50C5 Xmtr in the last week, I
>> felt that this posting is appropriate.
>>
>> It IS possible to run a transformerless HV supply safely. The method you
>> need requires a GOOD, SAFE ground connection to the chassis, and a SINGLE
>> WIRE connection to the AC line. In addition, your house wiring MUST be
>>

And...

>Please, PLEASE, please do not do this! It violates electrical code. It
>makes all the other electrical devices in the house potential death traps.
>Ground fault interrupters are designed to detect this violation of a
>

I sure wish I had known what having an AC/DC radio meant when I was 10 years old! I bought a slightly-used Hallicrafters S-120 from a friend of my dad's in 1962. He actually 'gave' it to me for \$20, but at the time I had no idea how cheap that was compared to it's new price 6 months previously! I still have it in the shack today.. It's the usual 5-tube American shortwave/broadcast circuit, and uses the transformer-less power supply.

For my birthday, my dad finished a bedroom in the basement so I wouldn't have to share a room with my little brother anymore. It had asphalt-tiles glued to the concrete floor, pretty standard flooring for basements in Minnesota. When I plugged in the S-120, I always turned the plug a certain way because it had a spot of paint on one side of the plug, and I wanted that facing down. Silly, but I was proud of that radio!

For years, I couldn't put my bare feet on the basement floor (nice ground!) when I was tuning the Hallicrafters, or I'd get a tingling shock in my hand. I knew it came from the radio, but not why. And the 2-conductor plug never got turned around, because of the paint spot. So I kept a rug in front of the desk with the radio.

When I got my Novice license in 1968, I used the S-120 with an Eico 723 transmitter at first, and when I grounded the station like the ARRL Handbook said I was supposed to, wow! did the sparks fly!! That's when I finally understood what those AD/DC radios were all about. Turning the plug around in the wall outlet fixed everything, and I was amazed that I'd survived 6 years of SWLing and grabbing the hot chassis.

Heck, I'm still amazed! 73 -- Glenn

Duct Tape is like the Force: It has a light side, and a dark side,
and it holds the Universe together.

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com -- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Mike Robinson <miker@cc.com>
Subject: [777] Another 40-9er
Message-ID: <9610011519.AA24563@voder.nsc.com>

Congrats to Jerry WC0Z for getting his 40-9er on the air last night. He and I had a very nice QSO. It was interesting working the 40-9er from the other side. The tone was very nice. I had my RIT way off to the side. I think my xmit was at 7.0434 and my offset was at 7.0441

Nice job Jerry!

=====
7.3 de Michael AA0UB miker@cc.com michael@frii.com
 http://www.frii.com/~michael
 QRP-L #126 Norcal #857 CQC #180
=====

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Timothy Parker <tparker@mkeol.com>
Subject: [838] Boatanchors mailing list
Message-ID: <3251E81A.5372@mkeol.com>

Someone asked about this list a few days ago so here it is.

Information about it can be obtained by sending a mail message to
listproc@theporch.com with the command:

information boatanchors

Timothy Parker KB9KIT QRP-L#203
Brookfield, WI

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: [831] Brian Carling banned from list
Message-ID: <Pine.GS0.3.93.961001154643.27992J-100000@uhunix5>

Could someone tell me why Brian Carling, AF4K, bry@mnsinc.com, has
been banned from the QRP-L list? He's making many fine contributions
to the Glowbugs list and I'd think he'd be an important asset to this
group as well. I'd like to hear the list owner's reason for cutting
Bry off like this.

As this list has traveled from think.com to netcom.com to here on
lehigh.edu I've never seen anyone blocked from the list like this.

Keeping an open mind,
Jeff KH2PZ / KH6

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Scott Bauer <ke3nv@erols.com>
Subject: [762] CQC
Message-ID: <199610010443.AAA28522@smtp2.erols.com>

Does anyone know how to get in touch via email to Colorado QRP club ?
thanks, Scott

.....
Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, CQC 352

Scott Bauer ke3nv@erols.com

.....

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Scott Bauer <ke3nv@erols.com>
Subject: [799] CQC
Message-ID: <199610011933.PAA16626@smtp2.erols.com>

Thanks to everyone (abt 20) who helped with QCQ email , 72 Scott
.....
Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, CQC 352

Scott Bauer ke3nv@erols.com

.....

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [796] Dc power distribution box
Message-ID: <M1080656.072.m14ky.1.961001183939Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Steve:

If you are just looking for a small breakout box to divide dc power out to various pieces of QRP equipment, save your money.

In my shack, I have a small metal box with four female RCA phono connectors mounted on it. I have one cord running from it to my power source, usually my Field Day battery, hi. All my QRP gear plugs into this distribution box.

I think I picked up the box for \$1 at a flea market, and the connectors were

about 4 for a \$.

Future improvements will be an On-Off switch and an LED indicator, but in usual ham fashion, soon as I got it far enough along to work, I put it in service, hi.

72,
Bob N6WG

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Mark.Milburn@cybrtech.com
Subject: [803] e-mail newsletter
Message-ID: <199610012041.QAA72358@nss2.CC.Lehigh.EDU>

Help! I sent in my \$3.00 to get a club newsletter by e-mail and received a confirmation. Then I went on vacation and when I got back, I had a note on my BBS that my e-mail address was being changed because the operator is re-configuring his system.

Now I don't know who to contact to get my newsletter switched to the new e-mail address.

Thanks for a reply from someone...?

73 Mark

KQOI @ W0AK.#CIA.IA.USA.NOAM e-mail mark.milburn@cybrtech.com
ARRL - DMRAA - QRP/ARCI #9226 - NORCAL # - ARS #139 - NW QRP #418
QRP-L # 625

... nfx v2.6 [C0000] If it makes sense, it'll never be popular.

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: w0ch@juno.com (David A. Bixler)
Subject: [840] EMPS - First night & a question
Message-ID: <19961001.185951.6511.0.W0CH@juno.com>

Hello gang:

Just a couple of comments about the Eighty Meter Propagation Study. I thought that 3560 KHz was the "official" QRP calling frequency so I spent the first night there. I did listen on 3579 but did not hear any QRP activity.

Had three 2-way QRP contacts from my southwest Missouri QTH as follows:

AE4CA	Bob	Stone Mountain, GA	542 NM	108 Miles/Watt
AC5AM	Bob	Natchitoches, LA	314 NM	62 Miles/Watt
K5FO	Chuck	Dallas, TX	266 NM	53 Miles/Watt

I am currently running 5 watts to a center-fed Zepp at 50 feet. The miles per watt is not real great. I expect that the results will get better as we get further into the winter DX season.

Also, does anybody out there operate 80 meter CW mobile? If so, can anyone tell me if any of the commercial fiberglass mobile whips (Pro-Am, Ham-Stick, etc.) will resonate on 3560 without any added capacity hats? I would like to try working the EMPS while on my business road trips.

I will be mobile tomorrow (Wednesday) on my way from southwest Missouri to Minneapolis. Please listen for me on 7040. I hope that AB50U has good Fox ears also.

72

Dave WOCH
WOCH@juno.com EMPS QS0: 3 States: 3

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [780] EMPS - GOOD START
Message-ID: <9609018441.AA844193349@smtpgw.ccgate.dl.nec.com>

Gang:

I had a good kick off to the EMPS last night/morning. Worked MO, MA, and almost snagged a VE2, but he couldn't quite make me out thru the QRN.

Used the FT-840 at abt 3 watts into a long wire.

The band plan for 80 still has me a bit stumped. As best as I can figure in the 2+ weeks I've been listening:

from 3.50 - 3.525 not much heard
from 3.525 - 3.610 good amount of high/mid speed CW
from 3.610 - 3.630 mostly digital, RTTY, etc.
from 3.670 - 3.725 high CW activity

Is this what everybody else finds in their neck o' the woods?

73 de Dave AC5GY
EMPS 1996 Q/2 Comfirmed/0 DX/0
MO,MA

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: KB0PJE /5 Jack Dougherty <jdougher@wt.net>
Subject: [830] EMPS/#1 wid AC5AM
Message-ID: <3251E582.5FC2@wt.net>

AC5AM got my EMPS activity started with his normal booming sig from Natchitoches (??sp??), LA into here in Houston. Nice full 58n QSO, and none of the normal digital QRM heard on 3.56 most nights down here.

And had some nice warm-ups the other night with KF4ECG and WA9RNZ, both with nice sigs. Looking forward to sending out them long waves and using/not loosing the band....

KB0PJE /5
Jack /Houston
EMPS = 1

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Joel Malman <malman@BBN.COM>
Subject: [834] EMPS/#1 wid AC5AM
Message-ID: <199610020213.WAA86312@nss2.CC.Lehigh.EDU>

Bob, AC5AM also got my EMPS activity started. But the QRN here tonight was just way to much. Lost him in the noise after about 5 minutes into the qso.

Anyone else hear the VE/VA's try to chase off the CB'ers on 3550 on UPPER sideband. Make sure the children are not in the room when you listen in on that qso. [Some of which is in French (really)].

/joel wa1qvm

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: PDouglas12@aol.com
Subject: [827] Final Pacificon NorCal Badge list
Message-ID: <961001205159_534793161@emout09.mail.aol.com>

Gang,

Here is the final list. Corrections before Wednesday night please. I am printing and assembling tomorrow, so this is your last chance. I want the badges done in time for the fox hunt tomorrow night! 72 , Preston

ADAMS	CHUCK	K5FO
ADAMS	DAVID	N9UXU
ANDERSON	JEFF	WA6AHL
ANDREWS	JOHN	N5INZ/6
ARMSTRONG	TED	KA6LCL
BENNETT	JIM	N6PDX
BURDICK	WAYNE	N6KR
BURKE	ED	KI7KW
CATES	JIM	WA6GER
CLEVELAND	GROVER	WT6P
DUNDAS	JOHN	AB6DG
FLUSCHE	TONY	AB6BR
FURMAN	JEFF	KD6MNP
FURMAN	SYD	W6QWK
GIPE	MICHAEL	K1MG
GOLDSTEIN	STAN	N6ULU
GRAHAM	DWIGHT	WA6NAE
GRUDIN	JEFF	AC6KW
HAGELE	MIKE	AC6JA
HARDEN	PAUL	NA5N
HARTFORD	CAM	N6GA
HENDRICKS	DOUG	KI6DS
JONES	DARREL	WD6BOR
MACIEL	PAUL	AK1P
MIZRAHI-SHALOM	ORI	AC6AN
PARKER	JERRY	WA6OWR
PEASE	ROGER	KE6PPI
PHILBIN	D.K.	OZ2DKP
POLIZZO	PHIL	AC6LS
QUADROS	JOHN	KB6DLN
SAMMUT	CHARLES	K8MI
SLAVENS	DICK	WA6TMF
SPITTLE	DERRY	VE7QK
STANFORD	LEE	KM6LA
STARK	RON	KU7Y

SWARTZ ERIC WA6HHQ
TELLEFSEN BOB N6WG
WOOD MIKE N6MVE
WRIGHT VERN W6MMA
YARNES DAVID W7AQK

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Glenn E. Scott" <scotty@facade.adm.clarkson.edu>
Subject: [792] fox schedule
Message-ID: <40891FE0D70@FACADE.ADM.CLARKSON.EDU>

Hi Gang,

I have been off the net for some time ,as you know, and was wondering if someone could post the fox schedule. I am going to get one of those foxes this year. I finally got my tower and antenna up. I put up a 55 ft tower and an inverted vee, which replaced my dipole at 15 ft.

Last year, I never made one contact to a fox. I tried for everyone of them, heard some but that was it. Got a lot of radio (listening) time though. Maybe better luck this year.

Thanks in advance !!!

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: wdzeares@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [784] FOX When??? Tonight or Wed night????
Message-ID: <9610011641.AA05949@aud.alcatel.com>

Here we go again...It says 0100-0300 Oct 3,

which translates to 8PM Cental time Wed.(Oct. 2) evening,

but I noticed in a post from K5FO he mentioned
"Fox #1 tonight"... so could it be that we
are cornfussed (again)???

I assume it is 8PM Wed.

72/73 Dennis K3ETS, Dallas

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996

From: Dick Schneider <74602.3317@compuserve.com>
Subject: [772] FS: HW-7 & Pwr Sup
Message-ID: <961001144227_74602.3317_EHH111-1@CompuServe.COM>

FOR SALE: Heathkit HW-7 CW Transceiver. 15-20-40 Meters. VFO & Crystal.
HWA-7-1 Matching Power Supply. 1 Watt Output. Good Condition. No Mods (except
separate Rx
Antenna jack). \$80 includes shipping to CONUS.

Please reply via Email.

72/73 Dick AB0CD..

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Ahrens Tim" <tahrens@devmail.sps.mot.com>
Subject: [767] Gate 2 results?
Message-ID: <9609018441.AA844188699@devmail.sps.mot.com>

Anybody heard anything about Gate 2?
I've heard that the FCC sends out the results
electronically to someplace, perhaps a web site.
Does anyone know where that is, and how to access?

thanks,

Tim WA5VQK

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Bill Meahan <www@wa8tztg.mi.org>
Subject: [817] Glowbugs doesn't want me?
Message-ID: <3251a64c.wa8tztg@wa8tztg.mi.org>

I have tried TWICE to subscribe to the Glowbugs list in the last
week, but so far, NADA. No confirmation, no "welcome" message, no
list traffic, nothing.

I have sent mail to:

listproc@theporch.com

with no "Subject:" header, a body that says:

subscribe glowbugs Bill Meahan

and no signature text. Anyone know what gives?

Bill Meahan WA8TZG wmeahan@wa8tzg.mi.org
ARRL, IMRA, QRP-L(#117), NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)
All statements herein are worth exactly what you paid for them
cat: a purr bearing mammal

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [806] Heard about RADIO KIT firm?
Message-ID: <199610012043.VAA13277@mail.enterprise.net>

I have been told there is a firm (apparently in USA) called RADIO KIT. The story is that they do not supply what you order, you just loose your money. Is this true? Has anyone else had the same bother as my informant, i.e sent off an order and received no goods?

I hope to hear something from people dealing with this company, good or bad, for all our benefits.

--

Frank G3YCC (G QRP 042)
QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: goose@imt.net (mal goosey)
Subject: [818] Help Swan Manual
Message-ID: <199610012324.RAA24258@cu.comp-unltd.com>

Hi gang, my first post to this great group. I am elmering a ham radio club at the Sacagawea Middle School in Bozeman, MT and we have a donated Swan Model 350D xcvr (vacuum tube job), but no manual !! If anyone out there can help, I will be most happy to reimburse copying costs, mailing etc.

72/73 Mal AA7WT

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [783] JOTA
Message-ID: <961001163748_75230.1405_HHB78-3@CompuServe.COM>

CQC will be doing a big operation at the Denver Museum of Natural History. We'll be showing an ARRL film and getting as many scouts as possible on air. We'll be mostly operating QRO, of course, but will have at least one QRP station set up.

73
Marshall

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: David.Reid@asml.nl (David Reid)
Subject: [769] JOTA and CW can mix well. try it, you might like it!
Message-ID: <199610011052.MAA03507@wspub002.asml.nl>

Hiya guys,

regarding using CW at JOTA events - I found that all the kids loved to see the letters come up on my lap-top computer screen...

I set up my TS850 with a PK-232 unit and my laptop (286 12MHz) was displaying the morse on screen - on transmit, I was sending and another ham was translating my chars into english words and describing why we send short codes....

Then they could see what came back from the other end...

If we got a good rag-chew going - the kids would try and guess the next abbreviation and even had fun making up their own ones...

Of course, for actually talking themselves (passing messages of greeting) SSB was favourite...

With the PK-232 we could also decode RTTY and other data modes - which most of the kids thought was wonderful - and kept looking for our 'MODEM' connection to the phone line...HI.

So, CW (and other modes) can be successful at a JOTA.

I enjoy doing this event every year - but as I'm in PA-land at the moment I don't know whether I'll make it for this year...

73/72 es gl wid JOTA

Dave

PA/G0BZF

----- End Message -----

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: chuckolson@juno.com (Chuck Olson)
Subject: [782] Keyer memory loading program - Beta testers needed
Message-ID: <19961001.111444.4807.0.chuckolson@juno.com>

I have written a simple QBASIC program (MEMLOAD.BAS) which I use to program the memories in my WB9KZY memory keyer. I use a text editor (like the DOS 6 EDIT) to create a message text file. MEMLOAD.BAS is then run to send the contents of the text file to the keyer.

I'd like to have someone else try this program on their memory keyer to make sure that my concept is sound. You'll need to build a fairly simple cable and interface hardware to connect the PC to the keyer.

Send email to chuckolson@juno.com and I'll email the program to you.

Thanks and
Best Regards,

Chuck Olson
WB9KZY
Jackson Harbor Press
Washington Island, WI

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Philip Karras <ke3fl@access.digex.net>
Subject: [804] LOOP antenna question(s) for 915 MHz and 2.4 GHz
Message-ID: <Pine.SUN.3.94.961001164139.27579A-100000@access4.digex.net>

Well, I have this question from work. The radios are low power, 1-3 watt max. Please forgive the bandwidth if this is not something your newsgroup is interested in and post directly to me if you can help.
Thanks.

We will be using spread spectrum UHF radios to communicate to instruments underground. I have already tested some antennas for use while laying on the ground, but we may be able to attach to the

lip/rim of the manhole. Does anyone know how to check the impedance of the match for 915 MHz and 2.4 GHz? The trusty ole' MFJ SWR meter or analyzer just doesn't cut it. Any ideas?

I'm thinking that the type of match might have to be something like a J-pole antenna since the rim is contiguous and I can not cut it to form a loop type antenna. Any other ideas?

73 de KE3FL, Phil
e-mail: KE3FL@access.digex.net

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: ji3m@scubed.com (James R. Duffey)
Subject: [773] Low sunspots and high bands
Message-ID: <v02130500ae76db616a34@[192.31.66.229]>

On Mon, 30 Sep 1996 18:38:21 GMT Chuck wrote;

"It looks like another two years of low numbers for us guys, so just relax and enjoy 30M->80M for a little while longer."

Don't give up on the high bands, 15 M in particular, during low sunspot number years. I worked a 6Y5 this last Saturday morning on 15M. He was calling CQ with few takers. It was 599 both ways. The band is often open to South America around local noon and on Saturday I heard some PYs and LUs. On particularly good days 10 M may be open as well on this path. Absorption is less near the MUF so QRP is relatively more effective. If you take a look at the propagation charts in QST, or run your own, you will find the higher bands do support some propagation even during periods of low sunspot numbers. It s just a matter of getting people on the band at the right time.

I was first licensed in 1965, at another low spot in sunspot numbers. I used to run home from school at noon and work 15 M while I ate a lunch my mother fixed me. The skip was long, mainly NY and Florida. Occasionally a PY (Brazil) would take pity on us novices and give us some DX. I guess having a SD QTH helped some in those days.

I notice that manufacturers have finally given up on pushing three band rigs during the low sunspot years. No more Swan 240s, Galaxy 300s, Atlas 180s National NC3xs and Alda 103s.

On the other hand, 80 and 160 are particularly nice during low sunspot

number years. The absorption is low, and during the winter QRN is also low.

Don't forget sporadic E, particularly on 10 in the summer and in December.

Good DX - Duffey

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "John Shuster" <jshuster@ix.netcom.com>
Subject: [832] NC40a VFO Mod
Message-ID: <199610020209.TAA13146@dfw-ix3.ix.netcom.com>

To All:

I've been meaning to stretch out the VFO range of my NC40a for some time now and finally got to it. After some experimenting with NPO caps, I replaced the C49 cap from the original 47pf to a 56pf. This gives me coverage from 7.000 to 7.061. I had initially tried a 68pf, but the range took me further into RTTY land than I wanted to go. The 56pf is just perfect for the spread I wanted.

Although the manual warns about a power dip at the low and high ends of the range, my rig maintains a solid 2W from top to bottom. I need my full QRP power.

I have installed a 10 turn 10K pot which makes tuning much easier for me at any frequency range. You can really hone in on a signal without overshooting the target.

This is a neat little rig. I'm glad I have one.

John

++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
KC7CKP AE ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [825] Nice Work, Mr. Hendricks
Message-ID: <199610020033.RAA01440@sierra.psnw.com>

A big tip of the hat goes out to Doug Hendricks for the latest QRPP. Once again, Doug, you've done a fine job creating another issue of the NorCal newsletter.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: wdzeares@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [770] NORTEX meeting?
Message-ID: <9610011434.AA29533@aud.alcatel.com>

Is NORTEX meeting this Sat. Oct. 5?

If so, better give directions so we all end up at the same place.

Tnx, 72/73 Dennis K3ETS

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Subject: [790] OHR
Message-ID: <65CFBF547E@iunhaw1.iun.indiana.edu>

I am sorry but the address given here within the last day or two does not seem to work for me getting into OHR on the Web. Any ideas??

Thanks

72 de WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest

Gary, IN 46408

(219)980-6718

FAX: (219)980-7125

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [789] Ooops. Wrong night.
Message-ID: <199610011737.RAA01165@chuck.dallas.sgi.com>

Sorry gang. My mistake. I thought it was Wednesday.
I put down that AB50U was the first fox. CORRECT.
I put down tonight, Tues night. WRONG.

It's tomorrow night. I apologize for any confusion on
my part. Time flies.....

..

: Chuck Adams (K5FO CP-60) 49/49/50 adams@sgi.com

: EMPS QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [791] Operating Report Suggestion
Message-ID: <1.5.4.16.19961001101122.0a2f16ea@telis.org>

Guys, the operating reports are my favorite postings on this group. I really enjoy reading what others are doing. But, I do have a suggestion that I think we all need to do. When you post a report, please include your qth when you did the operating. That will help the rest of us by giving us a reference point for your information. If you live in Maine and work Europe at 8:30 in the evening on 80M CW, it is not the same as if you are in Nevada and work Europe at the same time and on the same band. Why? Because if you are in Nevada and work Europe at that time, I can probably do it too from California. It will help to encourage me to get on the air if I need Europe or want to work some DX. Since we have new members subscribe to this list every day, all of us need to post our qth when we post operating reports, as not every one will know who the regular posters are at first.

I talked to Chuck last night, and Tim Pettibone will be up tonight as the Fox, #1, right out of the gate. Chuck said "You can't work 'em all if you don't work the first one." The guy is a rocket scientist for sure!!
GRIN!! 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [805] Protecting Mosfet PA's
Message-ID: <199610012043.VAA13287@mail.enterprise.net>

Several folk have told me they cannot find the relevant files on my web page. I have checked three times and I get it no bother, text and graphics. Can someone else have a go and see how they get on? It is under the Homebrew Corner. The actual URL for that file alone is

<http://homepages.enterprise.net/g3ycc/mosfet.html>

I would be grateful for your help. Can't understand why I can see it and read it and others cannot.

Thanks

--

Frank G3YCC (G QRP 042)
QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Mike Robinson <miker@cc.com>
Subject: [813] QRP always and forever!
Message-ID: <9610012119.AA18757@voder.nsc.com>

My first HF contact was QRP! The rigs are
amazing and a tuned dipole will get you
where you want to go!

=====
7.3 de Michael AA0UB miker@cc.com michael@frii.com
 http://www.frii.com/~michael
 QRP-L #126 Norcal #857 CQC #180
=====

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "rohre" <rohre@arlut.utexas.edu>

Subject: [819] RCA 4013 specs

Message-ID: <n1367927314.27468@msmailgw1.arlut.utexas.edu>

This is the transistor Dan's has been substituting for I believe a MRF no.?

Anyway, someone had asked for specs, and getting the digest, I would have thought he would have his answer already, but, as he posted again, here goes.

I had to get them by going through the RCA SK general replacement book, thus, I must caution these are not directly off the RCA original spec sheet, (usual disclaimers).

The 4013 was shown as a 10 watt total dissipation device.

The Collector current was shown as 1.5 Amp.- I think this meant max.

Vcb is 60 Volts

Vceo 30 Volts

Vebo 2.5 Volts

Vce 12 Volts DC

at Ic of 0.3 Amp. (I guess this meant typical operation)

ft 200 M Hz

hfe 60

and it was listed as T0 39 case, this is the T05 style metal can with heat sinking diamond shaped flange mount, I hope this is what was wanted.

"Sometimes" the cross-over guides make errors, and a different 4013 was listed with the Johnson (radio manufacturer) name.

72, Stuart K5KVH

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996

From: KB9NQR <kb9nqr@interaccess.com>

Subject: [820] Rewind: to QRP or not QRP?

Message-ID: <1.5.4.32.19961001234046.0069ec20@interaccess.com>

Thank you everyone for the encouragement, friendly advice, and reality checks. I did understand that the guy in my original post was talking VHF/UHF. That kind of response to a question about how to break into CW added some confusion. The

QRP answer also puzzled me and that is why I brought it to you experts. I didn't really like the idea of a bloody forehead trying to do the impossible or wasting time and money. I'll be listening at 7040 for what I can hear and bring my problems back in another question.

73, Matt KB9NQR, QRP-L #742

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: James Bell <jim.bell@canada.cdev.com>
Subject: [785] Roger Taylor---3rd method
Message-ID: <199610011647.MAA21660@nss2.CC.Lehigh.EDU>

Roger,
Your e-mail return address gets trimmed off at this end.
Please re send it in the text of the message.
72 JIM VE3DDY

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Tom Bowman <tbowman@nbn.net>
Subject: [826] SOLD; Two HW-7s
Message-ID: <2.2.32.19961002004748.006ea4f8@nbn.net>

The pair of HW-7s are sold.

Thanks,
Tom

Tom Bowman, WA3REY, Mount Gretna, PA 17064 tbowman@nbn.net

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [787] St. Louis Tuner Mods
Message-ID: <1.5.4.16.19961001091620.0a2f1ad0@telis.org>

QRPP is hitting the streets, and some are starting to build the St. Louis Vertical. Dave Gauding, NF0R, the author has asked me to post the following update. He also asks that you post mods and suggestions here and to the NorCal Web Page.

The St. Louis Vertical Revisited
by Dave Gauding, NF0R
nf0r@slacc.com

Here are a few ideas and observations on the St. Louis Vertical:

RADIATOR:

Electrical continuity using the Radio Shack 300 ohm in-line connector and the light-duty twinlead leaves something to be desired. The #24 gage stranded wire is serviceable but just doesn't hold up in repetitive use.

Builders may want to omit the in-line connector and convert the original radiator to shorted twinlead or even a heavier stranded wire. Bandwidth is slightly less for the latter though there is no noticeable difference in overall performance. The second alternative is cheaper, lighter and offers less sail area to catch the wind.

Eliminating the in-line connector means that the short at the top of the original twinlead radiator must be relocated to the top of the coil. Add a solder lug termination there and attach an alligator clip to the new radiator to complete the conversion.

MOUNTING POST:

The spike can be converted to a sharpened wood screw threaded into the post. It is then removable and perhaps a little safer to handle. The standard spike could be socketed in a slightly oversized hole and stored separately until needed. The post can be broken down into a small package. Slice the wood into several sections, install dowels between the sections and re-assemble when needed. Backpackers wishing to maximize available space might find this variation useful.

RADIALS:

The shortened twinlead radials can be replaced with inexpensive speaker wire. #20 stranded seems to work okay up to 50W output. However, a twinlead radial, radiator or feedline offers certain other advantages. The material coils easily and can be stored in a round plastic food container. The twinlead then unwinds to fit snugly in the available space. Coils can be stacked vertical without tangling by separating the radials with cardboard disks.

The radials can be omitted for casual operating where a lower angle of radiation is not required. Setup and breakdown times are considerably reduced. See options under "Feedline". The ground bus can be omitted by attaching the radial's alligator clip terminations to each other and then to the balanced feedline.

FEEDLINE:

For a traditional ground plane installation a simple balanced feedline fabricated from #20 stranded speaker wire laying on the earth seems to work well. The antenna will also give good service with a classic zepp feed using the same speaker wire. A tuned coax feedline allows the antenna to serve as a simple random wire vertical. The shield is floated and serves as an elementary RF ground.

LOGISTICS:

Despite what local sporting goods dealers may claim the "Sunny Day"

SD-20 collapsible fishing poles are still cataloged and distributed by South Bend. For a dealer near you or a mail order source see the South Bend web page at <http://www.south-bend.com> or call 708-564-1900.

MODS REPORTED:

From KC0PP: Replace the monofilament line and fishing swivel with a round solder tab sized to slip over the rod's tip section. Select the tab so a friction fit suspends the radiator approximately 4-6" from the top. Bend the tab over 90 degrees to streamline the installation.

From KI6DS: When fabricating the notched radials cut only through the rubber covering the stranded wires. Then carefully remove the exposed strands with needle nosed pliers leaving behind the rubber insulation. This modification leaves the insulation intact and produces a much stronger radial. Be sure to cover with black electrical tape or appropriately sized shrink wrap.

From KI6DS: A pole labled as "Black Widow" is suggested as an alternative to the specified South Bend product. In addition to the trade name this is marked "Made in China". It is reported to be a direct copy of the SD-20 pole.

This is a reprint of an article first published in the Peanut Whistle, Sept. 96 issue, journal of the St. Louis QRP Society. Permission is granted to reprint in non-profit journals as long as the Peanut Whistle and the Author are given proper credit.

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Jerry Parker <jparker@fix.net>
Subject: [795] St. Louis Vertical Revisited
Message-ID: <2.2.32.19961001184544.00c4ab70@fix.net>

Item #1: The NorCal Page has a St. Louis Vertical Revisited Page now which will be updated as information becomes available.

Pictures and drawings are in the works also and will be posted on the page.

If you have a suggestion etc., please post it to qrp-1 and I will add the appropriate information to the St. Louis Vertical Revisited Page.

Item #2: The OHR Page is really nice. If you are having trouble getting to them it may be that you are using an incorrect URL. Try going to the NorCal Page and then to the QRP Websites Page. You will find OHR there as a hot link.

The NorCal Page: <http://www.fix.net/norcal.html>

It is great seeing the new QRP Pages coming online. I would like like to thank Steve for providing a catalyst of information on a 24 hour a day basis. Great asset to the hobby.

Enjoy,,,72,,,Jerry...WA6OWR...K

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: KB9NQR <kb9nqr@interaccess.com>
Subject: [801] to QRP or not QRP?
Message-ID: <1.5.4.32.19961001201411.0067cd08@interaccess.com>

Hi all!

I was looking at another thread on Hamnet and came across a question from a new tech plus asking how best to start out in CW. One of the replies was:

"QRP is NOT the way to start out, unless you can afford one heck of an antenna farm. I do QRP on 2,6, and even .7 meters, but there I have to lug a huge antenna up onto a hilltop. It costs more, but your forehead will bleed less from being slammed repeatedly into the wall, if you go with 50-100 watts minimum. When you get good at CW and dealing with pileups, antennas and towers, and have a house on a hill, THEN think about QRP."

I am a new tech + myself and this is disturbing advice because I have a limited amount of space and need to keep the power down so as not to attract any attention to my operating. Does this mean that I should abandon all hope of trying to make a QRP contact on an end fed zepp? Say it isn't so!

73, Matt KB9NQR, QRP-L #742

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Alex Mendelsohn <alexmpennwell.com>
Subject: [786] Whoops! 6L6 rig de AI2Q
Message-ID: <0720112E01E40200@smtp.pennwell.com>

Whoops! SRI I forgot to append my callsign to my message in yesterday's posting about my 6L6 rig and regenerative receiver. It's AI2Q and the address is FB in the callbook.

Tks es vy 73, Alex , AI2Q, in Kennebunk, Maine, QRP-L #687, diddly-dah-dah!

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "W. D. (Doc) Lindsey" <70511.3041@CompuServe.COM>
Subject: [835] WTB:OHR 40-metre or 40+20 rigs
Message-ID: <961002021329_70511.3041_IHD68-1@CompuServe.COM>

Gang:

Interested in buying fully assembled OHR rig for 40 meters...and/or perhaps also one of their dual or multi-banders. Need assembled units, as I do not have use of my Rt. arm due to severe trauma.

It may be that some gear is available as their new 100 is available. Would greatly appreciate hearing from someone.

TIA es 73,
--Doc/K0EVZ

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: JCoote@aol.com
Subject: [823] Re: 10/12 meter equipment
Message-ID: <961001200942_298425707@emout16.mail.aol.com>

In a message dated 96-09-30 21:41:48 EDT, gmduke@oscar.TECLink.Net (Mike Duke) writes:

<< Are there any sorces for 10 or 12 meter cw xcvs or xmtrs in the 2 - 5

watt range?
73, WB5ADC >>

Convert a 40-channel SSB CB radio, or have it converted. There used to be a place (I never tried them) called CBC INTERNATIONAL, which specialized in CB conversions.

CBC Intl may be in the ham magazines.

Also, there were modes for the Regency (?) HR2600 and similar radios. These are a SSB-FM-CW low budget 28-30 Mhz radio. 25 watts power. I heard of a modification chip a few years ago which would make the 2600 (or whatever it was called) work on 12 through 10 meters. For QRP, I'm sure there are some power or bias pots to tweak in the radio.

The only bad thing about modifying a CB is that you should get "your" 40 channels on 10 meters or 12 meters compatible with whatever the standard is for CB conversions. Also, be aware of RIT to VFO mods on CB conversions- they drift, so it's better to leave the TX channels alone and just use the provided RIT (clarifier).

73, Jay WB6AAM

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [775] Re: 40-9er Contest rules -Correction
Message-ID: <Pine.SUN.3.90.961001080035.11688B-100000@vortex.sage.dri.edu>

On Mon, 30 Sep 1996, Paul R. Valko wrote:

> Bob, allow me to say that in English: The 49 contest will begin on
> 11/12/96 at 0100Z. That happens to be the evening of Monday November
> 11th here in the U.S. of A.

If I could make one suggestion.

We have people from all over the world here and we should help to make things clear by not using 11/12/96, which is either the 11th of Dec or the 12th of Nov, depending on where you are!

The old Army form of 12 Sept 96 leaves no room for misinterpretation!

Just one of my little pet peeves in life, thanks for "listing". :-)

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: tony@wilkes.ak.planet.co.nz (Tony Wilkes)
Subject: [812] Re: 40-9er Contest rules -Correction
Message-ID: <621@wilkes.ak.planet>

As a Pommy Kiwi - might I suggest that all times are given in UTC
- as a Pom I just can't figure EST etc and KIWI time and GMT
Date as suggested below ie 12 Sept 96 is good

>On Mon, 30 Sep 1996, Paul R. Valko wrote:

>

>

>> Bob, allow me to say that in English: The 49 contest will begin on
>> 11/12/96 at 0100Z. That happens to be the evening of Monday November
>> 11th here in the U.S. of A.

>

>If I could make one suggestion.

>

>We have people from all over the world here and we should help to
>make things clear by not using 11/12/96, which is either the 11th
>of Dec or the 12th of Nov, depending on where you are!

>

>The old Army form of 12 Sept 96 leaves no room for misinterpretation!

Tony Wilkes --- Whangaparaoa, on the North Island, New Zealand
Royal Forest & Bird Croquet
ZL3SLH & G3SLH > QRP-L #717 QRA >RF73JF

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Jim Lowman <jmLowman@ix.netcom.com>
Subject: [779] Re: BOAT ANCHOR LIST
Message-ID: <199610011544.IAA09513@dfw-ix12.ix.netcom.com>

At 08:27 PM 9/30/96 -0500, you wrote:

>I recently saw a reference to a "boat anchor" list. Would someone please
>email me the subscription info?

I don't have the subscription info handy, but would like to pass the info along
that a boatanchors newsgroup has been proposed, and voting is in progress.

To vote, and to read the proposal and charter, go to news.groups.

72 de Jim - KF6CR

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Ronald Hands <Ronald.Hands@freenet.hamilton.on.ca>
Subject: [815] Re: EMPS - GOOD START
Message-ID: <Pine.GS0.3.95.961001180213.4265A-100000@james.freenet.hamilton.on.ca>

On Tue, 1 Oct 1996, David Kreinberg wrote:

> The band plan for 80 still has me a bit stumped. As best
> as I can figure in the 2+ weeks I've been listening:
>
> from 3.50 - 3.525 not much heard
> from 3.525 - 3.610 good amount of high/mid speed CW
> from 3.610 - 3.630 mostly digital, RTTY, etc.
> from 3.670 - 3.725 high CW activity
>
> Is this what everybody else finds in their neck o' the
> woods?

About that "high CW activity" between 3.670 and 3.725...

I presume part of the reason for it is that that segment is the U.S.
novice assignment (it is, isn't it?).

But another reason might be illustrated by my situation: my only
antenna is a Butternut HF6VX vertical, which has a *very* narrow tuning
range on 80 meters.

In order to allow myself an occasional SSB QSO in the portion of the
band used by Canadian stations, I have my antenna centered on 3.750. At
that setting, and using the AT-150 automatic tuner with my IC-735, I can
only get down to about 3.685. I've been able to work the KnightLites on
3.710 fairly successfully.

But getting down to 3.579, even if I put the MFJ tuner in the circuit,
is pretty dicey.

Perhaps others have the same problem: a yen to work the phone band
occasionally and a narrow tuning range on the antenna.

I *may* eventually bite the bullet and retune the antenna down near the bottom end (and forget about the SSB contacts) but in the meantime I'll be looking for EMPS QSOs around 3.700.

It's obviously the wrong season to make any changes in the antenna right now -- the weather's too nice.

-- Ron VE3SP

ronald.hands@freenet.hamilton.on.ca

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996

From: "John Shuster" <jshuster@ix.netcom.com>

Subject: [768] Re: Gate 2 results?

Message-ID: <199610011413.HAA15808@dfw-ix8.ix.netcom.com>

To All:

I found an update on the ARRL web page about how the computer's going to do it all at once after they enter ALL the forms. I hope they don't make too many typos with all the callsigns...

You can "check" to confirm if your paperwork has been accepted by calling your bank. My check for \$30 cleared last Thursday.

Best,

John

++++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
KC7CKP AE ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++++

> From: Ahrens Tim <tahrens@devmail.sps.mot.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Gate 2 results?
> Date: Tuesday, October 01, 1996 8:51 AM
>
>
> Anybody heard anything about Gate 2?
> I've heard that the FCC sends out the results
> electronically to someplace, perhaps a web site.

> Does anyone know where that is, and how to access?
>
> thanks,
>
>
> Tim WA5VQK
>

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: rhight@primenet.com (Roger Hightower)
Subject: [771] Re: Gate 2 results?
Message-ID: <199610011444.HAA25327@primenet.com>

At 09:51 AM 10/1/96 cst, Ahrens Tim wrote:

>
>Anybody heard anything about Gate 2?
>I've heard that the FCC sends out the results
>electronically to someplace, perhaps a web site.
>Does anyone know where that is, and how to access?

>
>thanks,
>
>

According to the FCC, it will be at least a week before the first callsigns are assigned.

You can get the daily updates by ftp at:
ftp://ftp.fcc.gov/pub/XFS_AlphaTest/amateur

Check out the readme.txt file for the structure.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [776] Re: Gate 2 results?
Message-ID: <Pine.OSF.3.91.961001105353.24659A-100000@saturn.acs.oakland.edu>

On Tue, 1 Oct 1996, Ahrens Tim wrote:

> Anybody heard anything about Gate 2?
> I've heard that the FCC sends out the results
> electronically to someplace, perhaps a web site.

Nope. They simply update their own database every morning at 3AM. Those sites get the raw data automatically and post it around 6AM.

I use ncftp and download the file every morning hoping to see something, or just keep informed! :-)

Don't lose any sleep over this, (although it's not hard to!) it will be a couple of weeks AT LEAST for the ONE person to enter at 4200 first-day applications, most of which have 25 possible call choices!

73 =paul= wb8zjl

ZZ

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Paul R. Valko" <prvalko@oakland.edu>
Subject: [778] Re: Gate 2 results?
Message-ID: <Pine.OSF.3.91.961001112703.24659C-100000@saturn.acs.oakland.edu>

On Tue, 1 Oct 1996, Paul R. Valko wrote:

> Nope. They simply update their own database every morning at 3AM.
< Those sites get the raw data automatically and post it around 6AM.

WHOOOPS! Even a nateral-borne genius like me makes a goof-up now and then. Here, I managed to c.c. the whole QRP-L with a non-QRP topic!

Sorry Guys! heheheheh easily corrected though...

ObQRP : I was deep, Deep, DEEP, into ACC552 homework last night and monitoring the local 2M repeater, and 3.579. I heard no EMPS QS0s though I did call CQ a couple o' times after a particularly grueling cost accounting question.

Anyone get an EMPS contact last night? Chuck is right, that's a LOT of band to be hunting around in. I think I'll personally stay near the Color Burst freq, 3.579. Notice a LOT of digital noise around 3.560

73 =paul= wb8zjl <--- Watch this space!

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [781] Re: Gate 2 results?
Message-ID: <199610011614.QAA00895@chuck.dallas.sgi.com>

Paul,

I did work my first EMPS contact, W0CH/QRP in MO. His #3 and my #1.

Still a high noise level here but hopefully that will die out with the fall season and then winter. Those that have been on the next to the "top band" will probably smile at us neophytes that are just starting to learn all the dos and don'ts of this band.

I did record for the first time in the home logbook a value of 1.5W in the power out column. The first time over 1W in a long long time. But that is no biggie and I am about to go back to 5W for SS. But that is most likely not going to be at the K5FO QTH. I'll find out at a meeting tonight if I can borrow a REAL antenna farm. You know the kind - one that costs more than all the rigs that you have in the house. :-) I'll have to cut my time at the meeting short so that I can work the famous Timmy from NM. :-) ; -) He shortens it to Tim for on the air work, but we know the real scoop. Fox #1 tonight. Be there, be square.

I think more and more of the QRPers will help us out on 80M as the winter progresses and they get rigs outta mothballs or build 'em or whatever. The big problem is in the antenna area if one does not have the luxury of a good sized lot, but then again this is an area to play with.

dit dit es gl to all
: Chuck Adams (K5FO CP-60) 49/49/50 adams@sgi.com
: EMPS QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [764] Re: JOTA
Message-ID: <19960930.214011.7695.1.kb0rol@juno.com>

ALL,

There was some interest on the net about JOTA (Jamboree on the air) This is a Boy Scouts of America radio get together (should be world wide). It will be held on Saturday and Sunday October 19-20th. The Colorado QRP

Club, Inc. will be assisting/hosting about 500 to 1,000 scouts in the Denver area on Saturday. We will be operating from the Denver Museum of Natural History - Right under T. Rex.

This will NOT be QRP but we have prior permission to operate QRO. We will be on 20M (and 40M if open). We will also have some packet going (will have the details later) and some VHF for those local (like all of Colorado).

Make sure your there, the only way this will work is if these boys get to talk to someone somewhere - looking at radios is fine but getting to use them is Fantastic.

Ya know you'd think Wayne Green would do about 10 pages on this, both in his September and November issues - Wayne where are you, have you been reading your own editorials??? Now that wasn't nice was it, I'm sorry.

Brad Mugleston - KBØROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KBØROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: etxanos@kk.ericsson.se (ETX-B-E Ostlund Anders)
Subject: [765] Re: JOTA - Jamboree on the Air
Message-ID: <9610010933.AA01689@kk347.ericsson.se>

> Is anyone doing air time during Jamboree-on-the-Air? Oct 19, 1996 0000
> to 2359 local.
>
> Doug WR70
>
Hi,

I am a member of the Sodertalje Radio Scout Group SK0VW and we will be on the air from about 1800 UTC on Oct 18 to 900 UTC oct 20. Callsign will be SK0VW/5 as we will be located in a little town called Trosa outside the Ø callarea. It is about 80km south of Stockholm (the capital of Sweden).

I will take my Sierra with me, but the boys and girls usually appreciate SSB more than CW (wonder why??? hi) so the main HF station will be a TS-930.

Antennas will be a 80m German Quad (described in an earlier post here on QRP-L) and som dipoles. We will also have som VHF and packet gear.

We usually have about 50 boys and girls visiting our station every year. This has produced at least 15 new hams in the last 10 years (One of them is me, hi).

If the propagation smiles on us, maybe we can work some US stations. The scouts here really loves DX, but it has been some years now when there has been only EU contacts.

73 and good luck in the JOTA.

Andy - SM0THU

sm0thu@geocities.com

<http://www.geocities.com/CapeCanaveral/2773>

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Patrick Taber <ptaber@logiccraft.com>
Subject: [766] Re: JOTA - Jamboree on the Air
Message-ID: <1.5.4.32.19961001121102.0094693c@freebird>

At 09:11 PM 9/30/96 -0600, you wrote:

>Is anyone doing air time during Jamboree-on-the-Air? Oct 19, 1996 0000
>to 2359 local.

>

>Doug WR70

>

I'll be on the air with Cub Scout Pack 45 in Acton Ma. We probably have a better shot at working Trosa than Denver. I have a reasonably clear shot over Boston Harbor but hilly terrain to the west. I'll have some number of Cubs and my own Tiger Cub den in attendance. (Might as well start them early.) This is the first time I've tried this, so it's not a well organized effort, but I hear these things snowball over time....

>>>>==>PStJTT(KC1TD)

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Jim Cadorett/US/3Com <Jim_Cadorett@3mail.3Com.COM>
Subject: [788] Re: List Of Mods
Message-ID: <9610011701.AA8753@hqsmtp2.ops.3com.com>

Does anyone know where I can get a list of QRP mods for the various QRP kits

such as Small Wonder Labs 40 meters?

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [824] Re: List Of Mods
Message-ID: <199610020015.RAA00176@sierra.psnw.com>

Jim,

A very comprehensive list of mods and improvements for the NE-4040/SW-40 can be found in the new ARRL book called QRP POWER.

>Does anyone know where I can get a list of QRP mods for the various QRP kits
>such as Small Wonder Labs 40 meters?

>
>
>

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Timothy Parker <tparker@mkeol.com>
Subject: [836] Re: OHR
Message-ID: <3251E2DD.3902@mkeol.com>

Tim,

>
> I am sorry but the address given here within the last day or two does
> not seem to work for me getting into OHR on the Web. Any ideas??
>

Did you try <<http://www.ohr.com>> ?

73

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "M. Monninger" <markem@primenet.com>

Subject: [837] Re: OHR

Message-ID: <1.5.4.32.19961001195531.003270a8@mailhost.primenet.com>

At 09:34 PM 10/1/96 -0600, someone wrote:

>> I am sorry but the address given here within the last day or two does
>> not seem to work for me getting into OHR on the Web. Any ideas??
>>

>

>Did you try <<http://www.ohr.com>> ?

>

I'm not the person who originally had problems, but I can't get to the OHR page either. Keep getting "No DNS Entry". And yes, I'm using the above URL. All else seems to be OK, tho, so I don't think it's on my end.

Mark AA7TA

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996

From: Bob Hightower <ki7mn@dancris.com>

Subject: [841] Re: OHR

Message-ID: <199610020402.VAA18313@dancris.com>

At 07:54 PM 10/1/96 -0700, you wrote:

>I'm not the person who originally had problems, but I can't get to the OHR
>page either. Keep getting "No DNS Entry". And yes, I'm using the above URL.
>All else seems to be OK, tho, so I don't think it's on my end.
>

That kind of message usually originates with your own server; I have had problems with that, at work, and I am connected on a frame relay circuit direct to the server!

Something in Netscape, I s'pose.

73,

Bob, ki7mn@dancris.com

NorCal #1228, ARCI #8918, Qrp-1 #271, CQC 274

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996

From: "John Shuster" <jshuster@ix.netcom.com>

Subject: [763] Re: OHR Web Page E-mail Address

Message-ID: <199610010609.XAA11132@dfw-ix3.ix.netcom.com>

Tom:

We're going to have a QRP-L group buy next week. I'll be announcing special pricing towards the end of the week.

John

+++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
KC7CKP AE ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
+++++

> From: Thomas J. Whalen <whalen@swcp.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Re: OHR Web Page E-mail Address
> Date: Monday, September 30, 1996 6:31 PM
>
> On Mon, 30 Sep 1996, Dick Witzke wrote:
>
> > Gang,
> > The e-mail address <qrp@ohr.com> on our web page is now working
correctly.
> > You may use either <ohrqrp@netonecom.net> or <qrp@ohr.com> to contact
us.
> >
> > 73,
> > Dick
> > OHR
> >
> >
> Hi Dick, I viewed your home page today and was quite impressed with the
> products you offer. Looking at the wattmeter and the filter. Christmas is

> coming soon!!! Tom WB5QYT
>

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [794] Re: Operating Report Suggestion
Message-ID: <199610011811.MAA09310@zia.aoc.nrao.edu>

Doug,
Good suggestion on the operating reports.

But if I ever worked Europe from New Mexico QRP on 80M,
I'd probably pass-out from the experience.
Paul

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [800] RE: Operating Report Suggestion
Message-ID: <01BBFAFA5.7BDF0A60@muenzlerk.uthscsa.edu>

On Tuesday, October 01, 1996 1:11 PM, Paul Harden[SMTP:pharden@aoc.nrao.edu]
wrote:

>Doug,
>Good suggestion on the operating reports.
>
>But if I ever worked Europe from New Mexico QRP on 80M,
>I'd probably pass-out from the experience.
>Paul
>
>

I actually did once! I almost had a heart-attack when an I5 station came
back to my CQ! I thought I was dreaming or something. It was about
5:30am local time, I was running about 3 watts and the band sounded
just like 10 meters, very quiet, very unusual.

Kevin, WB5RUE

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: David Shalita <af389@lafn.org>
Subject: [774] Re: QRP-L digest 499
Message-ID: <3251324B.EE3@lafn.org>

I am interested.

David Shalita, W6MIK
7833 Cantaloupe Ave.
Van Nuys, Ca 91402.

Not sure how you get info to me, email or postal mail.

Nice sounding products and projects.
73,

=====

Subject: [729] DDS VFO with AD7008
Message-ID: <19960908.184332.5471.2.KD1JV@juno.com>

Hi gang,

Just got on this service, might be many like me who just found out about it thanks to aa0xi's review of the "Atomic Keyer" in "73" this month.

All you hardcore home-brewers out there might be interested in a project I have available. It's a AD 7008 based digital VFO. Tunes DC to 23 Mhz in 1 Hz(min) steps, is rotary tuned, LCD display, 20 eeprom memories, RIT, (and XIT for split band operation) memo memory, programmable LO offset for making direct reading receivers. Can also be calibrated if you have accurate freq counter available. Everything you need for freq control of a QRP transceiver. It's built on a 4" L, 2.5" W 3/4" D board, encoder mounts off board. Spurs? -50 dBc min wide band, -60, -70 typical narrow band.

Think about it, no more drit, chirp and accurate freq display.....

Couple of LOWfer guys are using them to run 1350 Meter beacons and set distance records with CCW operation.

This version was developed from the "DDS Dream VFO" which appeared in the Oct, '95 issue of 73. A stripped down version will be described in the latest issue of the NE QRP newsletter, later this month.

I have kits available, they aren't exactly cheap, but well worth it (I think).

If you want to know more, drop me a message.

=====

--

Dave Shalita, af389@lafn.org

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [793] Re: St. Louis Vertical

Message-ID: <199610011808.MAA09176@zia.aoc.nrao.edu>

Doug and the gang,
I read the St. Louis Vertical article in the latest QRPP. The concept intrigues me and I'm all worked up to build one. Sounds ideal for those to-the-field and freeze-your-b___-off thingies. Perhaps I'm making this harder than it is, but I'm having trouble picturing some of this in my mind (how it goes together). OK, so I'm one of these anal kind of guys ... think better with cute pictures or drawings. If I'm not the only one ... I hereby volunteer to make a drawing or two of the St. Louis Vertical for the next QRPP if somebody will sketch it out or send a photo. I don't mean to commit QRPP to a project two issues in a row, but it does sound like a neat, self-supporting antenna that could have large appeal to QRPers. And my kudos to NF0R/St. Louis QRP gang/NorCal for another neat project.

72, Paul NA5N
(Vertical antenna freak)

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [802] RE: to QRP or not QRP?
Message-ID: <01BBAFAD.CB864D00@muenzlerk.uthscsa.edu>

On Tuesday, October 01, 1996 3:14 PM, KB9NQR[SMTP:kb9nqr@interaccess.com] wrote:
>Hi all!

>
>I was looking at another thread on Hamnet and came across a question from a
>new tech plus asking how best to start out in CW. One of the replies was:
>
>"QRP is NOT the way to start out, unless you can afford one heck of an
>antenna farm. I do QRP on 2,6, and even .7 meters, but there I have to lug a
>huge antenna up onto a hilltop. It costs more, but your forehead will bleed
>less from being slammed repeatedly into the wall, if you go with 50-100
>watts minimum. When you get good at CW and dealing with pileups, antennas
>and towers, and have a house on a hill, THEN think about QRP."

>
>I am a new tech + myself and this is disturbing advice because I have a
>limited amount of space and need to keep the power down so as not to attract
>any attention to my operating. Does this mean that I should abandon all hope
>of trying to make a QRP contact on an end fed zepp? Say it isn't so!

>
>73, Matt KB9NQR, QRP-L #742

>

at first. Then, reducing power as appropriate is natural, and naturally extends into QRP.

Dana KK6JQ
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: PDouglas12@aol.com
Subject: [808] Re: to QRP or not QRP?
Message-ID: <961001170116_322103267@emout07.mail.aol.com>

Hi Matt,

QRP or QRO for novices?

Your question comes up from time to time here on the list, and I have read various opinions here about beginners and QRP. I have taught the novice/tech course in our local adult ed. program in the high school for a number of years. I guess I have a couple of hundred former students--now hams-- loose in the world by this time. I'll tell you what I tell them.

If you want to upgrade, you will need to improve your cw skills under the current system. The best way to do that is to get on the air and make contacts. You will learn nothing by send out unanswered CQ calls. So, I usually recommend medium powered equipment (not QRP--around 50-100 watts) and a dipole (or a Zepp, if you prefer) as the best compromise for maximizing contacts with reasonable expenditure. I don't recommend QRP equipment for real beginners, nor do I suggest that a mobile whip stuck to an apartment balcony is likely to generate many contacts. 50 to 100 watts and a dipole is the way I suggest for most new hams. QRP adds another dimension of challenge for experienced hams. Do you need the extra challenge in the beginning? Probably not.

Now, having said all that, if you have severe TVI problems, or your equipment is donated and happens to be QRP, or you are the kind of fellow who dives into the deep end of the pool after one swimming lesson, go ahead. That Zepp is a good antenna, and it should catch you contacts, even running QRP. You will find you catch more contacts if you listen for others sending CQ, and you pounce on them. CQs are much less successful when you are running QRP.

If you decide to go QRP now, and you get some contacts, you'll have a ball. But here's what I fear. A couple of years ago I read a note here from one frustrated tech plus who was dropping out of this list because he was having no fun on the air. He was trying to make contacts with a crystal controlled QRP rig (with one crystal), at the wrong time of day, on the wrong band. No wonder he was frustrated. My best advice to him was to find himself a local Elmer. An Elmer is a more experienced ham who helps a new

ham along in the beginning. It is an old tradition and an honor for the Elmer to give his time. If you can get an Elmer to help, this fall is the hamfest season. Get your Elmer to accompany you if you can, and have him help you find a suitable HF rig. I am personally partial to the Kenwood TS520 series just for example, but there are lots of good novice rigs out there on the used market. Once you reach the stage where there is no more challenge in a QSO (contact = QSO) with someone across the country, then sell your QRO rig (If you buy a used rig for a fair price, you should be able to sell it for about the same, so you will have owned it for free.) Then you should go buy a QRP rig.

I have left out the other good reason for you to run QRP. You can build your own QRP equipment from a kit (lots of good ones out there). In that case, you will learn a ton, and be able to use your project to make contacts. But even with that, I would suggest you do that in addition to owning a medium power commercial rig. Most of us QRP guys also own a medium powered rig "for emergencies." Frankly, none of the QRP rigs available today have the capabilities of the recent vintage commercial rigs, just as you would suspect.

Now, I think I have this week's record for most posts (too many, others might say), I'll try to just read the mail for a while. Where's Nils when we need him, anyway?

72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [809] Re: to QRP or not QRP?
Message-ID: <Pine.SUN.3.95.961001140512.25400A-100000@cln>

It ain't so...I got the same advice and happily didn't listen....
Stan VE7SKT QRP-L #32

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Dale Anderson <dalea@artemis.fc.hp.com>
Subject: [810] RE: to QRP or not QRP?
Message-ID: <9610012112.AA19244@artemis.fc.hp.com>

>Hey, if there wasn't some extra challenge in operating QRP, we wouldn't

>make a big deal about it. For someone just starting out in amateur
>radio, operating QRP adds a whole layer of frustration on top of the
>existing 'getting started' layer. While I don't believe that huge
>antennas and a house on a hill is required for enjoyable QRP operation,
>I also think that someone getting started will have a better experience
>if they use moderate (50-100W on HF, 10-50W on VHF/UHF) power levels
>at first. Then, reducing power as appropriate is natural, and naturally
>extends into QRP.

I'm afraid I must disagree with the above statement. I will agree that the attraction for ME is that there is some more challenge in working QRP, but I find absolutely NO (NONE! NADA! ZIP!) challenge in working QRO. In QRO, if I can hear 'em, I can work 'em, like 99.9999% of the time. Wow... Kinda like fishing in an aquarium.

I became a ham in late January of this year. It was my first QRPP QSO that got me hooked on low power. ...and I did it on a simple too-low, crooked, homebrew, 40m monoband dipole. I've had similar contacts since. For me, it's working in the mW range where I have the most fun. The thrill is in the hunt, NOT the kill. If I wanted a guaranteed QSO, I would QRO (which admittedly I've done, on occasion). But I'd MUCH rather land a big fish using micromonofilliment. i.e. QRP...

72,

Dale, KB0VCC

Fort Collins, CO

QRP-L #91 / CQC #251

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996

From: Kevin Muenzler <muenzlerk@uthscsa.edu>

Subject: [811] RE: to QRP or not QRP?

Message-ID: <01BBAFB3.6D1637C0@muenzlerk.uthscsa.edu>

On Tuesday, October 01, 1996 8:41 AM, Dana H.

Myers[SMTP:myers@bigboy.West.Sun.COM] wrote:

>Kevin, WB5RUE, wrote:

<snip>

>> I have only one thing to say to this guy,

>> pttttttttttttttttttttttttttttthhhhhhhh! I have worked almost every state and

>> all continents using less than 10 watts. NO you don't need an antenna farm.

>> Many of my contacts are made using a dipole or a vertical.

>

> fishing in an aquarium.

What exactly are you disagreeing with? I suggested that starting out may be challenging enough for most amateurs that the additional challenge of QRP may be frustrating.

Did I ever say that QRO is more challenging? No. I said that just starting out is challenging enough for most people. Are you really disagreeing with this?

;-)

Dana KK6JQ

From owner-qrp-l@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [816] RE: to QRP or not QRP?
Message-ID: <Pine.OSF.3.95.961001170535.27674A-100000@duke.usask.ca>

I guess I look at the whole question from the opposite way. QRO requires I either buy a rig, or build a more complicated one myself that either uses tubes or expensive transistors or push-pull amplifiers etc. Also, I need a high wattage antenna tuner, transmission line capable of handling high wattage. I would also need a high wattage power supply.

On the other hand if I run qrp I can use AA batteries, simple rigs etc. and my costs go way down. Plus I learn more about electronics. If QRO were the only game in town I would still be waiting to make my first contact because I would still be saving money to buy a rig.

>From this I conclude that for me it is more challenging to make a contact with QRO ;-)

Brian.

```
+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |
| VE5RDV |
+-----+
| "If I had only known, I would have been a locksmith." |
| -- Albert Einstein |
+-----+
```

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: kd1jv@juno.com (STEVEN WEBER)
Subject: [821] Re: to QRP or not QRP?
Message-ID: <19960909.202057.5471.22.KD1JV@juno.com>

On Tue, 01 Oct 1996 15:14:11 -0500 KB9NQR <kb9nqr@interaccess.com>
writes:

> Does this mean that I should abandon all hope of trying to make a QRP
> contact on an end fed zepp? Say it isn't so!

Heck NO!, sounds like advice from a sour puss.

Go with 40 meters and a good tuner and your end feed zepp will work great! Add 1/4 wave ground radials for what ever band you want to work, if at all possible. Or try one of the many "shorty" dipoles. You may want to kick your power up to ten watts up from the "official" 5 watts, to give you a fighting chance on 40 at night in the novice segment, but not only is it do able, you will have fun at it!

A big antenna farm on the top of a hill sure helps, but is not necessary at all. I'm sure plenty of QRPers will tell you same thing. A decent receiver is the big secret to working QRP, or any other mode for that matter.

The other secret is having a good CW fist. Doesn't matter if you can't send fast, just make it sound good. Speed will come with a little practice. Don't run your letters and words together, and if your "fist" sounds half decent, people will talk to you. I don't care how loud someones signal is, if I can't understand what their sending, I won't talk to them!

GO FOR IT AND HAVE FUN :-)

de KD1JV

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Jeff Grudin <grudin@pacific.vdbs.com>
Subject: [822] Re: to QRP or not QRP?
Message-ID: <3251A480.109D@pacific.vdbs.com>

Matt,

I would disagree with what you heard. I routinely work many stations all

over the U.S., Mexico, and Canada with just a random length wire thrown in a tree (and a ground radial) when camping. With a better antenna you will do better, but you can make plenty of contacts with simple equipment.

I am constantly amazed at what you can do and have great success. My best advice is set up a routine ragchew sked with someone and try to stick to it. I did this and my CW came along very fast. Much faster than with random qso's.

"QRP works & anyone who says it doesn't just hasn't tried!"

72 de Jeff AC6KW

grudin@vdbbs.com

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Dale LeDoux <dledoux@laci.net>
Subject: [828] RE: to QRP or not QRP?
Message-ID: <1.5.4.16.19961001192616.35c78ea8@laci.net>

At 13:41 10/1/96 -0700, you wrote:

>Kevin, WB5RUE, wrote:

>

>> On Tuesday, October 01, 1996 3:14 PM, KB9NQR[SMTP:kb9nqr@interaccess.com]
>> wrote: >Hi all!

>> >

>> >I was looking at another thread on Hamnet and came across a question from a
>> >new tech plus asking how best to start out in CW. One of the replies was:

>> >

>> >"QRP is NOT the way to start out, unless you can afford one heck of an
>> >antenna farm.

>>>snip! (whole bunch of hoey...)

Hey! QRP your heart out!...When I got back from Germany with my Tech license, I spent several months running 5 watts on the novice bands with a Yaesu FT-7 (no CW filter...glutton for punishment) turned down to 5 watts. My rationale was that if you ain't running 100w plus, you just as well be QRP so you can brag about it.

My "antenna farm" consisted of a 40M dipole slung 12 feet up into an oak tree outside the window of my operating position. With such a refined, hi-tech station, I worked almost every state and a bunch of DX, including VK and ZL, which, while not rare, are at least geographically as remote from my QTH as anyplace else...

So, don't listen to the QRO-thinking experts. You CAN have a lot of fun QRP without a big investment in time, money or real estate...Just get your rig, a key, some wire and DO IT!

Dale LeDoux
Bath Electrical Systems
Power Specialists -- 480 V to 230 KV
KD5QI

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: [829] RE: to QRP or not QRP?
Message-ID: <Pine.GS0.3.93.961001152319.27992B-100000@uhunix5>

I think you folks need to be more flexible in your definition of QRP; for contests we need to strictly adhere to the 5W and under category, but for day-to-day hamming, no one should call 25W QRO.

In days gone by I purposely kept my Heath DX-60 at 25W output and could always work anyone I heard on 40M in the evening (out of CA). Thus, for a beginner, I'd certainly steer him/her into that power range so they wouldn't be disappointed (we all have gone entire evenings calling CQ with only 5W and had no one respond; imagine if you were newly licensed and no one would answer you night after night).

Let's get the new licensees lots and lots of contacts at say, 25-50W so as to build their confidence and skills, then steer gently steer them toward reducing power.

7.3W,
Jeff KH2PZ / KH6

From owner-qrp-1@Lehigh.EDU Tue Oct 1 23:12:00 1996
From: Ken Lotts <aa7jc@aa7jc.ampr.org>
Subject: [833] Re: to QRP or not QRP?
Message-ID: <3251CE02.6D8C@aa7jc.ampr.org>

Jeffrey Herman wrote:

>

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> Jeff KH2PZ / KH6

I agree.. I think it is wise for new hams to build skills by making plenty of solid QSO's.. Personally I think 25 - 50 watts and a simple dipole are perfect for this kind of requirement..

QRP as a *sole* means for learning the ropes of ham radio seems to me like unusual way to gain operating experience..

I started out in 1969 with a Knight T-60 running 40 or so watts.. Did it for years and made a bazillion contacts.. If I limited myself to 5 watts in those early days, I am not sure I would even be licensed anymore much less graduated to extra class.

Ken lotts
AA7JC

QRP should become